

## Table ENG-6. - Sanitary Facilities

Middlesex County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1:							
Ackwater	85	Very limited Depth to saturated zone Too clayey	1.00  1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey Depth to saturated zone	1.00 0.68
Slagle	6	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Bethera	3	Not Rated		Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated		Not Rated	
2B:							
Bama	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Emporia	8	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
3:							
Bethera	40	Very limited Depth to saturated zone Too clayey Ponding	1.00  1.00 1.00	Very limited Depth to saturated zone Ponding	1.00  1.00	Very limited Depth to saturated zone Too clayey Ponding	1.00  1.00 1.00
Daleville	35	Very limited Depth to saturated zone Too clayey	1.00  0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too clayey	1.00  0.50
Ackwater	5	Not Rated		Not Rated		Not Rated	
Craven	5	Not Rated		Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated		Not Rated	
Myatt	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	

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# Table ENG-6. - Sanitary Facilities - Continued

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4:							
Catpoint	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	1.00
		Seepage	1.00	Seepage	1.00	Too Sandy	0.50
		Too Sandy	1.00				
Pactolus	5	Not Rated		Not Rated		Not Rated	
Kenansville	4	Not Rated		Not Rated		Not Rated	
Rumford	4	Not Rated		Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated		Not Rated	
5A:							
Craven	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.47
		Seepage	1.00	Seepage	1.00	Seepage	0.16
Slagle	10	Not Rated		Not Rated		Not Rated	
Bethera	3	Not Rated		Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated		Not Rated	
5B:							
Craven	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.47
		Seepage	1.00	Seepage	1.00	Seepage	0.16
Slagle	10	Not Rated		Not Rated		Not Rated	
Bethera	3	Not Rated		Not Rated		Not Rated	
Daleville	2	Not Rated		Not Rated		Not Rated	
6A:							
Emporia	85	Very limited		Very limited		Not limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
Slagle	7	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated		Not Rated	

6B:

## Table ENG-6. - Sanitary Facilities - Continued

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6B:							
Emporia	75	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Not limited	
Kempsville	10	Not Rated		Not Rated		Not Rated	
Slagle	8	Not Rated		Not Rated		Not Rated	
Bama	7	Not Rated		Not Rated		Not Rated	
7D:							
Emporia	50	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Depth to saturated zone Slope	1.00 0.37	Somewhat limited Slope	0.37
Nevarc	30	Very limited Depth to saturated zone Too clayey Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Slope	1.00 0.37	Very limited Too clayey Depth to saturated zone Slope	1.00 0.68 0.37
Ackwater	5	Not Rated		Not Rated		Not Rated	
Bama	5	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	
7F:							
Emporia	50	Very limited Depth to saturated zone Slope	1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope	1.00
Nevarc	30	Very limited Depth to saturated zone Slope Too clayey	1.00 1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00	Very limited Slope Too clayey Depth to saturated zone	1.00 1.00 0.68
Ackwater	5	Not Rated		Not Rated		Not Rated	
Bama	5	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated		Not Rated	

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# Table ENG-6. - Sanitary Facilities - Continued

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8:							
Eunola	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too Sandy	1.00
		Seepage	1.00			Seepage	1.00
		Too Sandy	1.00			Depth to saturated zone	0.86
Nansemond	8	Not Rated		Not Rated		Not Rated	
Kenansville	7	Not Rated		Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated		Not Rated	
Pactolus	2	Not Rated		Not Rated		Not Rated	
9A:							
Kempsville	85	Not limited		Very limited		Somewhat limited	
				Seepage	1.00	Seepage	0.50
Emporia	8	Not Rated		Not Rated		Not Rated	
Suffolk	7	Not Rated		Not Rated		Not Rated	
9B:							
Kempsville	80	Not limited		Very limited		Somewhat limited	
				Seepage	1.00	Seepage	0.50
Emporia	8	Not Rated		Not Rated		Not Rated	
Suffolk	7	Not Rated		Not Rated		Not Rated	
Bama	5	Not Rated		Not Rated		Not Rated	
10:							
Kenansville	85	Very limited		Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Seepage	0.50
		Seepage	1.00	Seepage	1.00		
Kempsville	4	Not Rated		Not Rated		Not Rated	
Suffolk	4	Not Rated		Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated		Not Rated	
Eunola	2	Not Rated		Not Rated		Not Rated	
Nansemond	2	Not Rated		Not Rated		Not Rated	

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# Table ENG-6. - Sanitary Facilities - Continued

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11:							
Kinston	45	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 0.50	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Too clayey	1.00 0.50
Bibb	35	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
Ochlockonee	10	Not Rated		Not Rated		Not Rated	
Pocaty	10	Not Rated		Not Rated		Not Rated	
12:							
Lumbee	85	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Flooding	1.00 1.00 0.40	Very limited Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00
Eunola	10	Not Rated		Not Rated		Not Rated	
Myatt	5	Not Rated		Not Rated		Not Rated	
13:							
Myatt	80	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Too clayey	1.00 0.50
Nansemond	7	Not Rated		Not Rated		Not Rated	
Eunola	6	Not Rated		Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated		Not Rated	
Pactolus	2	Not Rated		Not Rated		Not Rated	
14:							
Nansemond	85	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Depth to saturated zone Seepage	0.86 0.50
Ackwater	5	Not Rated		Not Rated		Not Rated	

# Table ENG-6. - Sanitary Facilities - Continued

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14:							
Eunola	5	Not Rated		Not Rated		Not Rated	
Myatt	5	Not Rated		Not Rated		Not Rated	
15:							
Ochlockonee	75	Very limited Flooding	1.00	Very limited Flooding	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	1.00	Depth to saturated zone	1.00		
		Seepage	1.00	Seepage	1.00		
Pactolus	8	Not Rated		Not Rated		Not Rated	
Bibb	5	Not Rated		Not Rated		Not Rated	
Emporia	4	Not Rated		Not Rated		Not Rated	
Kenansville	4	Not Rated		Not Rated		Not Rated	
Kinston	4	Not Rated		Not Rated		Not Rated	
16:							
Pactolus	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Seepage Depth to saturated zone	1.00 0.68
		Seepage Too Sandy	1.00	Seepage	1.00	Too Sandy	0.50
Catpoint	5	Not Rated		Not Rated		Not Rated	
Kenansville	4	Not Rated		Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated		Not Rated	
Rumford	3	Not Rated		Not Rated		Not Rated	
Suffolk	2	Not Rated		Not Rated		Not Rated	
17:							
Pocaty	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00	Ponding Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Ponding	1.00			Content of organic matter	1.00
Bibb	5	Not Rated		Not Rated		Not Rated	
Kinston	5	Not Rated		Not Rated		Not Rated	

# Table ENG-6. - Sanitary Facilities - Continued

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18A:							
Rumford	80	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Kenansville	5	Not Rated		Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated		Not Rated	
Catpoint	4	Not Rated		Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated		Not Rated	
18B:							
Rumford	80	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Catpoint	5	Not Rated		Not Rated		Not Rated	
Kenansville	5	Not Rated		Not Rated		Not Rated	
Suffolk	4	Not Rated		Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated		Not Rated	
Pactolus	3	Not Rated		Not Rated		Not Rated	
19A:							
Slagle	80	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Depth to saturated zone Seepage	0.68 0.16
Emporia	10	Not Rated		Not Rated		Not Rated	
Eunola	10	Not Rated		Not Rated		Not Rated	
19B:							
Slagle	80	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Somewhat limited Depth to saturated zone Seepage	0.68 0.16
Emporia	10	Not Rated		Not Rated		Not Rated	
Eunola	10	Not Rated		Not Rated		Not Rated	

20A:

# Table ENG-6. - Sanitary Facilities - Continued

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
20A:							
Suffolk	85	Very limited Seepage	1.00	Very limited Seepage	1.00	Not limited	
Rumford	7	Not Rated		Not Rated		Not Rated	
Kempsville	5	Not Rated		Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated		Not Rated	
20B:							
Suffolk	80	Very limited Seepage	1.00	Very limited Seepage	1.00	Not limited	
Rumford	10	Not Rated		Not Rated		Not Rated	
Kempsville	7	Not Rated		Not Rated		Not Rated	
Eunola	3	Not Rated		Not Rated		Not Rated	
21D:							
Suffolk	45	Very limited Seepage Slope	1.00 0.37	Very limited Seepage Slope	1.00 0.37	Somewhat limited Slope	0.37
Remlik	35	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage Slope	1.00 1.00 0.37	Very limited Seepage Too Sandy Slope	1.00 0.50 0.37
Craven	5	Not Rated		Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated		Not Rated	
Ochlockonee	5	Not Rated		Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated		Not Rated	
21F:							
Suffolk	45	Very limited Slope Seepage	1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope	1.00
Remlik	35	Very limited Depth to saturated zone Slope Seepage	1.00 1.00 1.00	Very limited Slope Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Slope Seepage Too Sandy	1.00 1.00 0.50



**Table ENG-6. - Sanitary Facilities - Continued**

Middlesex County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Trench Sanitary Landfill		Area Sanitary Landfill		Daily Cover for Landfill	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21F:							
Craven	5	Not Rated		Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated		Not Rated	
Ochlockonee	5	Not Rated		Not Rated		Not Rated	
Bibb	3	Not Rated		Not Rated		Not Rated	
Kinston	2	Not Rated		Not Rated		Not Rated	
22B:							
Udorthents	50	Not Rated		Not Rated		Not Rated	
Psamments	40	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	